



Docket No.: 050103-0480

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 49745  
Christopher FORMATO : Confirmation Number: 2261  
Application No.: 10/602,881 : Group Art Unit: 1756  
Filed: June 25, 2003 : Examiner: Young, Christopher G.

For: ULTRASONIC AGITATION-ASSISTED DEVELOPMENT OF RESIST LAYER OF  
MASTER STAMPER/IMPRINTER

**POWER OF ATTORNEY BY ASSIGNEE**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

SEAGATE TECHNOLOGY LLC, assignee of the above-identified application by assignment dated June 19, 2003, a copy of which is attached hereto, hereby appoints Seagate Technology LLC; and the registered practitioners of McDermott Will & Emery LLP, included in the Customer Number provided below with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

**CUSTOMER NUMBER 49745**

Please send all correspondence associated with Customer Number 49745 to:

John A. Hankins  
McDERMOTT WILL & EMERY LLP  
600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
Telephone: (202)756-8000

Respectfully submitted,

Dated: 2/7/06 By: Raghunath S. Minisandram  
Name: Raghunath S. Minisandram, Esq.  
Title: Sr. Director of Intellectual Property



**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Christopher Formato

Application No./Patent No.: 10/602,881

Filed/Issue Date: June 25, 2003

Entitled: ULTRASONIC AGITATION-ASSISTED DEVELOPMENT OF RESIST LAYER OF MASTER STAMPER/IMPRINTER

SEAGATE TECHNOLOGY LLC, a Limited Liability Company,  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent above. The assignment was recorded in the Patent and Trademark Office at Reel 014229, Frame 0198, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFT Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

2/1/06  
Date

Raghunath S. Minisandram  
Signature

Raghunath S. Minisandram, Esq.  
Typed or printed name

Sr. Director of Intellectual Property  
Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

**BEST AVAILABLE COPY**



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 05, 2004

PTAS



\*102490825A\*

MCDERMOTT, WILL & EMERY  
AARON WEISSTUCH  
600 13TH STREET, N.W.  
WASHINGTON, D.C. 20005-3096

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/25/2003

REEL/FRAME: 014229/0198

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FORMATO, CHRISTOPHER

DOC DATE: 06/19/2003

ASSIGNEE:

SEAGATE TECHNOLOGY LLC  
920 DISC DRIVE  
P.O. BOX 66360  
SCOTTS VALLEY, CALIFORNIA  
95067-  
0360

SERIAL NUMBER: 10602881  
PATENT NUMBER:

FILING DATE: 06/25/2003  
ISSUE DATE:

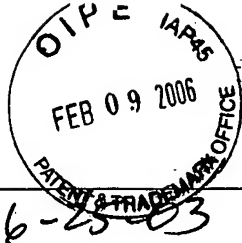
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JAN - 8 2004

**MCDERMOTT, WILL & EMERY**

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ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



07-08-2003



102490825

FORM PTO-1595  
(Rev. 10/02)

RE

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 50103-480

PATENTS ONLY

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):

Christopher FORMATO

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: June 19, 2003

2. Name and address of receiving party(ies):

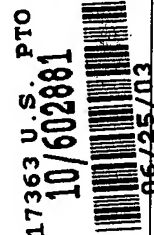
Name: SEAGATE TECHNOLOGY LLC

Address: 920 Disc Drive,

P.O. Box 66360

Scotts Valley CA 95067-0360

Additional name(s) & address(es) attached? ☐ Yes ☐ No



4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is: June 19, 2003

A. Patent Application No(s).

B. Patent No(s).

10,602,881

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: MCDERMOTT, WILL & EMERY

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41)

\$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

500417

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Aaron Weisstuch

Reg. No. 41,537

June 25, 2003

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 3

OMB No. 0651-0027 (exp. 6/30/2005)

07/08/2003 ECDOPER 00000059 500417 10602881

01 FC:8021 40.00 DA

Docket No.: 50103-480

## ASSIGNMENT

WHEREAS I, CHRISTOPHER FORMATO, of Brentwood, California, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled ULTRASONIC AGITATION-ASSISTED DEVELOPMENT OF RESIST LAYER OF MASTER STAMPER/IMPRINTER, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, SEAGATE TECHNOLOGY LLC, a Limited Liability Company of the State of Delaware, and having an address of 920 Disc Drive, P. O. Box 66360, Scotts Valley, California 95067-0360 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto SEAGATE TECHNOLOGY LLC, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to SEAGATE TECHNOLOGY LLC, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

6-19-03

Christopher Formato

STATE OF

California

) SS:

COUNTY OF

Alameda

On this 19 day of June, 2003, before me personally appeared Christopher Formato, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires

Feb 5, 2005

